REQUIREMENTS COMPLIANCE WORKSHEET – EXHIBIT 4

Spec. No.	Specification	Fully Compliant	Partially Compliant	Not Compliant	Detail and/or Comments
3.2.1	Business Model adheres to requirements stated in 2.1				
	Coverage				
3.2.2.1	Wireless Internet access provided throughout the City				
3.2.2.2	Outdoor coverage of 95%				
3.2.2.3	Indoor perimeter room coverage on ground and second floor of 90%				
3.2.2.4	Indoor perimeter room coverage above second floor of 90%				
	Multi-Use				
3.2.3.1 to 3.2.3.4	Network supports concurrent usage by City agencies, residents, businesses, institutions and visitors				
3.2.3.5	In exchange for access to infrastructure assets and the City's rights of way, Proposers shall propose how many free user accounts will be				

Spec. No.	Specification	Fully Compliant	Partially Compliant	Not Compliant	Detail and/or Comments
	offered to mobile City employees for conducting City business each year of the contract term.				
3.2.3.6	Network supports the logical segmentation of different "domains" of users				
3.2.3.7	Network supports the ability to prioritize traffic for Public Service and Public Safety				
	Open Access				
3.2.4.1	Winning Proposer provides access to its wireless broadband Internet access transport services to multiple unaffiliated Service Providers				
3.2.4.2	Network supports unilateral, inbound roaming relationships				
3.2.4.3	Network supports unilateral, outbound roaming relationships				
	Services and Provisioning				
3.2.5.1	Network provides a Fixed Broadband				

Spec. No.	Specification	Fully Compliant	Partially Compliant	Not Compliant	Detail and/or Comments
	Service, supporting 802.11g devices at a best-effort minimum 1 Mbps symmetric data transmission rate, a dynamic IP address and other Core ISP Services				
3.2.5.2	Network provides a Nomadic Broadband Service, supporting 802.11g devices at a best-effort minimum 1 Mbps symmetric data transmission rate, a dynamic IP address and other Core ISP Services				
3.2.5.3	Network provides a Portable Broadband Service, supporting 802.11g devices at a best-effort minimum 1 Mbps symmetric data transmission rate, a dynamic IP address and other Core ISP Services. Session-level connectivity maintained for in-motion subscribers at a minimum speed of 60 MPH				
3.2.5.4	Network provides free public access in				

Spec. No.	Specification	Fully Compliant	Partially Compliant	Not Compliant	Detail and/or Comments
	City-designated parks and public spaces				
3.2.5.5	Network provides a Fixed Broadband Service at a discounted rate for low-income subscribers, with same features as non-discounted service				
3.2.5.6	Network provide a Fixed Broadband Service at a guaranteed minimum 3 Mbps symmetric data transmission rate (e.g. a wireless T-1 alternative)				
3.2.5.7	Winning Proposer allows Service Providers to provision services on a monthly, weekly and daily basis				
3.2.5.8	Payment methods include credit and debit card. Other methods exist for users who do not have the ability or do not wish to pay with credit or debit				

Spec. No.	Specification	Fully Compliant	Partially Compliant	Not Compliant	Detail and/or Comments
	cards (e.g. pre-paid vouchers, top-off cards).				
3.2.5.9	Expected costs of any required CPE for each coverage Requirement stated in Section 6.2 and who will be responsible for CPE costs during the provisioning process is provided				
Service Pricing					
3.2.6.1	Specific wholesale rates provided. Rates, terms and conditions for Service Providers not affiliated with the winning Proposer as favorable as those provided to the winning Proposer and any affiliated Service Providers				
3.2.6.2	Rates estimated for any retail services to be marketed to the public by the winning Proposer				
Network Infrastructure					
3.2.7.1	Network includes a wireless Access Tier				

Spec. No.	Specification	Fully Compliant	Partially Compliant	Not Compliant	Detail and/or Comments
	that supports connectivity from 802.11g devices through the City				
3.2.7.2	Network includes a fixed wireless point-to-multipoint solution as a Backhaul Tier for aggregating Wi-Fi traffic from the Access Tier				
3.2.7.3	Network includes a fixed wireless point-to-point solution, using licensed or leased spectrum, or optical fiber, as a Distribution Tier for aggregating traffic from the Backhaul Tier back to an Internet POP				
3.2.7.4	Network traffic is aggregated back to a high-speed Internet backbone service at a POP, which supports layer-three network transit for Service Providers. Redundancy provided				
3.2.7.5	Network supports fault tolerance mechanisms to				

Spec. No.	Specification	Fully Compliant	Partially Compliant	Not Compliant	Detail and/or Comments
	mitigate and/or eliminate single points of failure and ensure high reliability. Network support reliability levels of 99.9% for the Access Tier and 99.999% for the Backhaul Tier, Distribution Tier and POP				
3.2.7.6	Network supports contingency mechanisms to insure operation during natural or other disaster. Disaster plan described				
3.2.7.7	Network is easily scaled and upgraded in a modular fashion to support additional subscribers, new applications and new requirements, in order to meet evolving user demands. Percentage of initial capital cost for upgrades provided.				
3.2.7.8	All outdoor network equipment complies with IP56/NEMA4				

Spec. No.	Specification	Fully Compliant	Partially Compliant	Not Compliant	Detail and/or Comments
	dust and water ingress ratings, withstands ambient temperature ranges of –40 C to +50 C and adheres to all other applicable local ordinances				
3.2.7.9	All outdoor network equipment will utilize existing power sources				
3.2.7.10	Initial and/or future ability defined for solution to provide, integrate with, coexist with or complement 4.9 GHz wireless public safety technology that may be of value to the City's public safety agencies				
3.2.7.11	Network supports backup power for all network equipment sufficient to ensure continuous operation during a loss of electrical power				
	Customer Service				
3.2.8.1	Tier 1 Support provided by the winning Proposer and qualified				

Spec. No.	Specification	Fully Compliant	Partially Compliant	Not Compliant	Detail and/or Comments
	Service Providers				
3.2.8.2	Tier 2 Support provided by the winning Proposer for all Service Providers				
3.2.8.3	Tier 2 Support shall be provided by the winning Proposer for all Service Providers				
	Security				
3.2.9.1	Physical security provided for all critical network equipment components via secured facilities				
3.2.9.2	Mechanisms provided to prevent or mitigate the risk of hackers, spammers, denial of service and other forms of malicious attacks on or through the network				
3.2.9.3	No client software that is specific to the winning Proposer or Service Provider(s) required on PCs, laptops or other mobile devices in order to use the network				

Spec. No.	Specification	Fully Compliant	Partially Compliant	Not Compliant	Detail and/or Comments
3.2.9.4	Media Access Control ("MAC") address filtering				
3.2.9.5	Wired Equivalent Privacy ("WEP") encryption, including both 64 and 128 bit keys				
3.2.9.6	Temporal Key Integrity Protocol ("TKIP") encryption				
3.2.9.7	Advanced Encryption Standard ("AES") encryption				
3.2.9.8	Wi-Fi Protected Access ("WPA")				
3.2.9.9	802.1x authentication using Extensible Authentication Protocol ("EAP") and Remote Authentication Dial-In User Service ("RADIUS")				
3.2.9.10	Suppression of Extended Service Set Identifier ("ESSID") broadcasts				
3.2.9.11	Multiple ESSIDs and the ability to map ESSIDs individually to Virtual LANs ("VLANs")				

Spec. No.	Specification	Fully Compliant	Partially Compliant	Not Compliant	Detail and/or Comments
3.2.9.12	Filtering of traffic based on Internet Protocol ("IP") addresses, subnets and Transmission Control Protocol ("TCP") ports				
3.2.9.13	VPN tunneling using Internet Protocol Security ("IPSec")				
3.2.9.14	Encryption of all control and network management traffic				
3.2.9.15	Network's systems infrastructure complies with all applicable regulatory requirements monitoring of device activity, real time alerts and notifications and detailed customizable reporting				
3.2.9.16	Network's systems infrastructure capable of real time identification, monitoring, auditing and alerting of inappropriate network activity				
	Privacy				

Spec. No.	Specification	Fully Compliant	Partially Compliant	Not Compliant	Detail and/or Comments
3.2.10.1	Copy of any and all privacy policies provided. Each privacy policy complies with all applicable federal and state laws				
3.2.10.2	Privacy policy addresses all items in 3.2.9.1 through 3.2.9.2				
	Enhanced Quality of Life				
3.2.11	All information requested on Community Programs provided. All questions on Community Programs answered				